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IN THE UNITED STATES
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Attorney Docket No.: HA-86 (HAL-ID 167)

Applicants: John G. N. HENDERSON, Carl SCARPA

Serial No.: Not yet assigned 10/020,703

Filing Date: Herewith November 30, 2001

Title: STEERABLE ANTENNA AND RECEIVER INTERFACE FOR TERRESTRIAL
BROADCAST

Examiner: Not yet assigned

Group Art Unit: 2821

Assistant Commissioner for Patents
Washington, D.C. 20231

S I R:

**SUBMISSION OF INFORMATION DISCLOSURE STATEMENT
WITH CERTIFICATION UNDER 37 CFR 1.97(e) (1)**

Submitted herewith is a PCT International Search Report which issued in a corresponding PCT application. A copy of the references cited in the search report is enclosed.

The applicants respectfully request that the references listed on the attached PTO/SB/08A be considered in the examination of the above-identified application. A copy of each of these references is enclosed.

The applicants preserve the right to establish that any of the references listed on the attached PTO/SB/08A are not prior art to the above-captioned application.

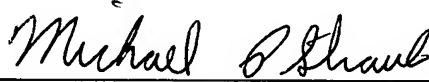
Certification Under 37 CFR 1.97(e)(1):

I hereby certify that each item of information contained in the information disclosure statement submitted herewith was first cited in a communication from the U.S. PCT Receiving Office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

No fee is believed due. However, in the event that a fee is due in order to have the Information Disclosure Statement submitted herewith considered, the Patent Office is authorized to charge said fee to the deposit account of Straub & Pokotylo, deposit account number 50-1049.

Respectfully submitted,

December 26, 2002



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CERTIFICATE OF MAILING under 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited on **December 26, 2002** with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.



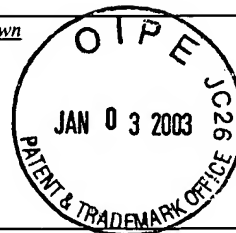
Michael P. Straub

36,941
Reg. No.

U.S. Department of Commerce
Patent and Trademark Office

(use as many sheets as necessary)

Application Number: 10/020,703
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First Named Inventor: John G. N. Henderson
Group Art Unit: 2821
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Sheet	1	of	1	Attorney Docket No.: HA-86 (HAL-ID 167)
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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached kinds of U.S. Patent Documents. 3 Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16, if possible. 6 Applicant is to place a check mark here if English language translation is attached.